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Maine Work Injuries 1961

Maine Department of Labor and Industry

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MAINE WORK INJURIES 1961

STATE OF MAINE
DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF RESEARCH AND STATISTICS
AUGUSTA, MAINE

D L I BULLETIN 289

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MAINE
WORK
INJURIES
1931

STATE OF MAINE
DEPARTMENT OF LABOR AND INDUSTRY
BUREAU OF RESEARCH AND STATISTICS
ALBANY, MAINE

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DEPARTMENT OF LABOR AND INDUSTRY
MARION E. MARTIN, COMMISSIONER

Report of
MAINE WORK INJURIES
1961

Prepared by
Division of Research & Statistics
W. C. Weeks, Director

AUGUSTA, MAINE
AUGUST, 1962

WORK INJURIES IN MAINE - 1961

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MAINE WORK INJURIES, 1961

INTRODUCTION

This report includes data extracted from schedules received in the 1961 annual work injury survey conducted by the Division of Research and Statistics, Department of Labor and Industry, in cooperation with the Bureau of Labor Statistics, U. S. Department of Labor.

The work injury survey of this department will be conducted in the future only on an annual basis and will include, as in 1961, both the manufacturing and non-manufacturing phases of industry.

FATALITIES

According to First Reports of Injury filed with the Industrial Accident Commission, Maine experienced 31 work fatalities in 1961. This was the same number reported in 1960 and is the lowest number of fatalities reported since 1954. Manufacturing industries, with 9 fatalities, had four less than in 1960. Construction, with 7 fatalities in 1961, had two less. Government, with 6, had 5 more than in 1960, and Other Non-Manufacturing, with 9, reported 1 more fatality in 1961 than in 1960. Comparative data on Maine work fatalities are shown below for the period 1952-1961.

MAINE WORK FATALITIES ^{/1} 1952-1961

Year	Total	Manufacturing	Construction	Government ^{/2}	Other Non-Mfg. ^{/3}
1961	31	9	7	6	9
1960	31	13	9	1	8
1959	44	14	14	7	9
1958	42	13	8	5	16
1957	35	13	9	6	7
1956	42	16	6	9	11
1955	40	14	7	2	17
1954	29	10	9	2	8
1953	32	10	5	5	12
1952	30	12	4	7	7

^{/1} Tabulation of fatalities reported to Industrial Accident Commission

^{/2} State and local government including State Highway Commission, but not federal

^{/3} Includes Public Utilities, Trades, Services, etc.

INJURY RATES IN MAINE MANUFACTURING

The All Manufacturing injury frequency rate showed considerable improvement from 1960, with a drop of 2.5 disability injuries per million manhours worked. The 1961 injury frequency rate of 17.8 was better than the 1960 rate by 12% and the lowest since 1958. An annual comparison of the injury frequency rates for the period 1952-1961 is shown below.

ALL MANUFACTURING INJURY FREQUENCY RATES 1952-1961

Year	Injury Frequency Rate	Year	Injury Frequency Rate
1961	17.8	1956	20.4
1960	20.3	1955	19.9
1959	19.7	1954	17.6
1958	17.5	1953	19.3
1957	19.2	1952	23.3

Of the seventeen major industry groups reporting, nine showed an improved injury frequency rate over the previous year, and Paper remained the same. Electrical Machinery, with an injury frequency rate of 4.1, has the lowest rate of all of the major industries, and Lumber and Wood, which includes logging, with a rate of 49.5, has the highest injury frequency rate.

The All Manufacturing severity rate for 1961 was 861. The Electrical Machinery industry, with a severity rate of 93, had the lowest rate of all the major industries, and the Rubber and Plastics industry, with 4042, had the highest rate. Three of the four industries with a rate of over 2000 experienced deaths during 1961. Ten of the seventeen major industries had a rate lower than that of All Manufacturing. The relative position of the major industries by injury rates is shown as follows:

RELATIVE POSITION OF MAJOR INDUSTRIES

By Injury Rates
1961

Ranked by Frequency Rate			Ranked by Severity Rate		
Position	Industry	Frequency Rate	Position	Industry	Severity Rate
1	Electrical Mach.	4.1	1	Electrical Mach.	93
2	Printing	6.7	2	Apparel	118
3	Apparel	8.5	3	Leather	174
4	Paper	8.8	4	Trans. Equip.	227
5	Textiles	11.5	5	Primary Metal	287
6	Leather	12.9	6	Printing	425
7	Trans. Equip.	13.1	7	Food	490
8	Rubber & Plastics	17.2	8	Paper	579
9	Misc. Mfg.	18.4	9	Stone, Clay & Glass	735
10	Fab. Metal	22.0	10	Textile	854
11	Primary Metal	22.6	11	Misc. Mfg.	1027
12	Machinery	22.9	12	Machinery	1048
13	Chemicals	23.8	13	Chemicals	1192
14	Food	24.2	14	Fab. Metal	2263
15	Stone, Clay & Glass	28.7	15	Lumber & Wood	3158
16	Furniture	33.1	16	Furniture	3326
17	Lumber & Wood	49.5	17	Rubber & Plastics	4042

In All Manufacturing, 42.9% of all the establishments reporting experienced no injuries during the year 1961. 85.5% of the Printing establishments had zero injury experience. This was the highest percentage of accident free experience in reporting establishments, but the Electrical Machinery industry, with 73.0% of all manhours worked having no injuries, had the highest percentage in manhours.

INJURY RATES IN NON-MANUFACTURING

This is the first year that Maine has included non-manufacturing establishments in the work injury survey. Schedules were mailed to 7031 establishments, and 5232 returns were received. The data in this report was extracted from these returns. In evaluating these non-manufacturing work injury statistics two facts should be considered: (1) In some instances, returns were received from a relatively low percentage of total establishments and might not necessarily be representative of the entire industry; and (2) that some of the establishments supplying

the information were unfamiliar with work injury data, and the reliability of the information supplied might not be high. The following should be read bearing these facts in mind.

The All Non-Manufacturing injury frequency rate for 1961 was 13.6, and 17 of the major industries had a lower frequency rate. Automotive Dealers and Gasoline Service Stations, with 13.6, had the same injury frequency rate as All Non-Manufacturing. Apparel and Accessories, in Retail Trade, with an injury frequency rate of .7, had the lowest of the major groups, and Insurance Agents and Brokers and Services was next lowest with a rate of .8. The combined group of Agriculture, Agriculture Service, Forestry, Fisheries and Mining was high with an injury frequency rate of 47.1, and Heavy Construction was next with 43.6.

The All Non-Manufacturing severity rate was 1755 for 1961. Insurance Agents, Brokers and Services had the lowest severity rate with 11.1, and Heavy Construction had a high rate of 7987.

Of all the establishments reporting in Non-Manufacturing, 55.8% experienced no injuries in 1961. These establishments included 56.6% of all the manhours worked. In injury free establishments, the Banking industry had the highest percentage with 88%, and in injury free manhours the Apparel and Accessories group in Retail Trade, with 94.5%, had the highest percentage.

WORK INJURIES IN MAINE, 1961
MANUFACTURING
PART II

1901, SUMMER TO WINTER, 1901
EXHIBITION
PART II

Table One
Maine Work Injury Rates by Industry
Manufacturing

Industry Titles	M A I N E						U. S.
	Number of Reporting Units	Number of Employees	Number of Manhours	1961		1960	1960
				Injury Rates		Injury Frequency Rate	Injury Frequency Rate
				Severity	Frequency		
<u>ALL MANUFACTURING</u>	1 019	93 808	185 117 720	861	17.8	20.3	11.3
<u>FOOD AND KINDRED PRODUCTS</u>	217	10 522	20 963 678	490	24.2	31.1	19.4
Meat Products	16	1 403	2 778 279	355	33.8	58.1	NA
Dairy Products	43	1 160	2 606 097	485	21.1	23.0	16.9
Canning and Preserving	76	4 838	8 184 443	362	28.7	25.1	20.7
Canned Sea Foods	35	1 589	1 590 587	535	51.6	35.6	NA
Canned Fruits, Vegetables, etc.	19	1 023	1 958 596	353	25.5	26.1	NA
Fresh or Frozen Packaged Fish	10	637	1 160 233	401	23.3	23.2	NA
Frozen Fruits, Vegetables, etc.	10	1 396	3 016 301	316	24.9	10.3	NA
Grain Mill Products	21	419	1 046 408	167	28.7	30.1	15.8
Bakery Products	21	1 815	4 458 386	992	13.9	12.7	16.3
Bottled Soft Drinks	23	456	1 011 672	358	23.7	38.0	22.0
Misc. Food Preparations & Kindred Products	11	354	747 876	116	6.7	34.3	14.4
Not Elsewhere Shown	6	77	130 517	69	23.0	NA	NA
<u>TEXTILE MILL PRODUCTS</u>	57	11 968	23 041 313	854	11.5	12.7	9.4
Broad Woven Fabric Mills, Cotton	5	5 254	10 001 656	701	4.2	5.3	NA
Broad Woven Fabric Mills, Wool	25	4 653	8 936 573	650	14.9	17.3	17.1
Yarn and Thread Mills	4	502	969 771	411	16.5	19.2	NA
Misc. Textile Goods	10	692	1 447 302	4277	40.8	55.1	18.2
Not Elsewhere Shown	13	867	1 686 011	152	8.9	7.3	NA
<u>APPAREL AND FABRICATED TEXTILES</u>	25	1 908	3 309 752	118	8.5	6.4	6.3
Men's, Youths', Boys' Furnishings, Work Clothing and Allied Garments	4	823	1 380 218	109	5.8	NA	NA
Not Elsewhere Shown	21	1 085	1 929 534	125	10.4	7.1	NA
<u>LUMBER & WOOD PRODUCTS (except Furniture)</u>	298	10 340	21 432 387	3158	49.5	56.3	37.9
Logging Camps & Logging Contractors	81	3 371	7 304 564	5886	78.7	83.7	60.4
Sawmills & Planing Mills	115	1 605	3 177 260	3012	46.9	65.2	38.4
Millwork and Structural Wood Products	15	847	1 842 898	427	21.2	27.6	22.9
Plywood Mills	4	595	1 360 306	456	22.8	23.3	22.2
Misc. Wood Products	78	4 396	8 863 438	1595	32.5	32.7	31.8
Not Elsewhere Shown	9	121	244 227	974	36.9	NA	NA

Industry Titles	M A I N E						U. S. 1960 Injury Frequency Rate
	Number of Reporting Units	Number of Employees	Number of Manhours	1961		1960 Injury Frequency Rate	
				Injury Rates			
				Severity	Frequency		
FURNITURE AND FIXTURES	15	701	1 509 238	3326	33.1	32.3	18.2
Wood Household Furni- ture, except Upholstered	9	557	1 211 986	1576	34.7	41.2	19.6
Not Elsewhere Shown	6	144	297 252	10463	26.9	NA	NA
PAPER AND ALLIED PRODUCTS	40	18 910	40 320 315	579	8.8	8.8	11.8
Pulp Mills	5	673	1 454 945	1579	12.4	7.7	NA
Papermills, except Build- ing Paper Mills	18	16 563	35 406 727	574	8.8	8.9	NA
Converted Paper and Paperboard Products	4	1 009	2 110 248	119	5.2	6.1	NA
Paperboard Containers and Boxes	10	383	747 810	135	10.7	NA	14.2
Not Elsewhere Shown	3	282	600 585	616	11.7	NA	NA
PRINTING, PUBLISHING AND ALLIED INDUSTRIES	62	2 300	4 299 709	425	6.7	7.6	11.2
Newspapers	30	1 684	3 155 715	568	7.3	8.8	10.0
Commercial Printing	20	398	758 724	46	7.9	5.9	NA
Not Elsewhere Shown	12	218	385 270	0	0	0	NA
CHEMICALS & ALLIED PRODUCTS	21	736	1 557 623	1192	23.8	34.1	7.9
RUBBER & MISC. PLASTICS PRODUCTS	10	886	1 744 864	4042	17.2	22.4	NA
Misc. Plastics Products	6	779	1 522 281	4531	15.1	25.5	NA
Not Elsewhere Shown	4	107	222 583	701	31.4	21.3	NA
LEATHER & LEATHER PRODUCTS	101	23 086	42 410 178	174	12.9	13.0	11.8
Leather Tanning and Finishing	15	1 765	3 597 470	500	35.6	29.9	27.5
Boot and Shoe Cut Stock and Findings	21	1 421	2 461 031	325	28.2	33.3	21.8
Footwear (except Rubber)	63	19 832	36 199 427	132	9.5	10.2	8.5
Not Elsewhere Shown	2	68	132 250	68	15.1	19.3	NA
STONE, CLAY, & GLASS PRODS.	28	1 050	2 301 672	735	28.7	23.0	15.5
Concrete, Gypsum and Plaster Products	12	334	865 721	375	20.8	24.6	20.9
Not Elsewhere Shown	16	716	1 435 951	952	33.4	0	NA
PRIMARY METAL INDUSTRIES	9	415	797 195	287	22.6	16.0	10.4
FABRICATED METAL PRODS. (ex. Ordnances, Machinery & Transportation Equip.)	48	1 532	2 914 568	2263	22.0	14.4	14.9
Fabricated Structural Metal Products	26	855	1 646 129	3923	28.6	21.5	20.2
Fabricated Structural Steel	7	394	762 225	8129	35.4	17.7	NA
Not Elsewhere Shown	22	677	1 268 439	84	13.4	7.8	NA

Industry Titles	M A I N E						U. S. 1960 Injury Frequency Rate
	Number of Reporting Units	Number of Employees	Number of Manhours	1961 Injury Rates		1960 Injury Frequency Rate	
				Severity	Frequency		
<u>MACHINERY (Except ELECTRICAL</u>	24	1 240	2 356 660	1048	22.9	22.1	10.2
Special Industry Machin- ery (except Metalworking Machinery)	4	445	850 455	2572	35.3	37.6	14.0
Not Elsewhere Shown	20	795	1 506 205	188	15.9	7.6	NA
<u>ELECTRICAL MACHINERY</u>	9	1 797	3 689 521	93	4.1	5.1	4.6
<u>TRANSPORTATION EQUIPMENT</u>	34	5 834	11 336 003	227	13.1	14.7	5.1
Motor Vehicle Parts and Equipment	7	1 153	2 308 107	98	4.3	16.2	4.5
Aircraft Parts	5	1 394	2 985 558	277	27.5	33.6	4.3
Shipbuilding and Repairing	8	2 942	5 369 509	129	7.1	6.4	15.6
Boatbuilding and Repairing	14	345	672 829	1237	26.8	22.7	26.3
<u>MISCELLANEOUS MANUFAC- TURING INDUSTRIES</u>	15	417	813 144	1027	18.4	13.9	13.3

Table Two
Number of Disabling Injuries by Extent of Injury
in Manufacturing Establishments
by Industry

Industry Titles	Fatal	Permanent Total	Permanent Partial	Temporary Disabilities	Total Number of Cases
<u>ALL MANUFACTURING</u>	9	0	100	3 185	3 294
<u>FOOD AND KINDRED PRODUCTS</u>	0	0	8	500	508
Meat Products	0	0	0	94	94
Dairy Products	0	0	3	52	55
Canning and Preserving	0	0	2	233	235
Canned Sea Foods	0	0	0	82	82
Canned Fruits, Vegetables, etc.	0	0	0	50	50
Fresh or Frozen Packaged Fish	0	0	0	27	27
Frozen Fruits, Vegetables, etc.	0	0	2	73	75
Grain Mill Products	0	0	0	30	30
Bakery Products	0	0	2	60	62
Bottled Soft Drinks	0	0	1	23	24
Misc. Food Preparations and Kindred Products	0	0	0	5	5
<u>TEXTILE MILL PRODUCTS</u>	1	0	9	255	265
Broad Woven Fabric Mills, Cotton	1	0	1	40	42
Broad Woven Fabric Mills, Wool	0	0	4	129	133
Yarn and Thread Mills	0	0	0	16	16
Miscellaneous Textile Goods	0	0	4	55	59
<u>APPAREL AND FABRICATED TEXTILES</u>	0	0	0	28	28
Men's, Youths' & Boys' Furnish- ings, Work Clothing and Allied Garments	0	0	0	8	8
<u>LUMBER AND WOOD PRODUCTS (Ex. Furniture)</u>	5	0	34	1 021	1 060
Logging Camps & Logging Contractors	4	0	11	560	575
Sawmills and Planing Mills	1	0	6	142	149
Millwork & Structural Wood Products	0	0	2	37	39
Plywood Mills	0	0	1	30	31
Misc. Wood Products	0	0	15	273	288
<u>FURNITURE AND FIXTURES</u>	0	0	3	47	50
Wood Household Furniture, except Upholstered	0	0	3	40	42
<u>PAPER AND ALLIED PRODUCTS</u>	1	0	18	336	355
Pulp Mills	0	0	1	17	18
Papermills, except Building					
Paper Mills	1	0	17	293	311
Converted Paper & Paperboard Products	0	0	0	11	11
Paperboard Containers & Boxes	0	0	0	8	8

Industry Titles	Fatal	Permanent Total	Permanent Partial	Temporary Disabilities	Total Number of Cases
<u>PRINTING, PUBLISHING AND ALLIED INDUSTRIES</u>	0	0	2	27	29
Newspapers	0	0	2	21	23
Commercial Printing	0	0	0	6	6
<u>CHEMICALS & ALLIED PRODUCTS</u>	0	0	2	35	37
<u>RUBBER & MISCELLANEOUS PLASTICS PRODUCTS</u>	1	0	1	28	30
Misc. Plastics Products	1	0	1	21	23
<u>LEATHER AND LEATHER PRODUCTS</u>	0	0	10	535	545
Leather Tanning and Finishing	0	0	2	126	128
Boot and Shoe Cut Stock and Findings	0	0	1	69	70
Footwear (except Rubber)	0	0	7	338	345
<u>STONE, CLAY, AND GLASS PRODUCTS</u>	0	0	2	64	66
Concrete, Gypsum and Plaster Products	0	0	0	18	18
<u>PRIMARY METAL INDUSTRIES</u>	0	0	0	18	18
<u>FABRICATED METAL PRODUCTS (ex. ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIP.</u>	1	0	0	63	64
Fabricated Structural Metal Products	1	0	0	46	47
Fabricated Structural Steel	1	0	0	26	27
<u>MACHINERY (Except Electrical</u>	0	0	3	51	54
Special Industry Machinery (except Metalworking Machinery)	0	0	2	28	30
<u>ELECTRICAL MACHINERY</u>	0	0	2	13	15
<u>TRANSPORTATION EQUIPMENT</u>	0	0	4	144	148
Motor Vehicle Parts and Equipment	0	0	0	10	10
Aircraft Parts	0	0	1	81	82
Shipbuilding and Repairing	0	0	1	37	38
Boatbuilding and Repairing	0	0	1	16	17
<u>MISCELLANEOUS MANUFACTURING INDUSTRIES</u>	0	0	2	13	15

Table Three
INJURY RATES IN MAINE MANUFACTURING ESTABLISHMENTS
By Plant Size
1961

<u>PLANTS EMPLOYING</u>	<u>FREQUENCY RATE</u>	<u>SEVERITY RATE</u>	<u>AVERAGE TOTAL EMPLOYMENT</u>
8 or less	16.7	4500	1 074
9 - 25	32.2	761	5 204
26 - 50	35.5	2551	6 280
51 - 100	30.0	1117	8 119
101 - 200	25.5	706	11 978
201 - 300	21.6	1083	9 246
301 - 400	9.7	504	9 594
401 - 500	13.3	485	7 144
501 - 750	12.2	1478	6 267
751 - 1000	5.9	206	7 872
1001 - 2500	11.2	658	10 918
over 2500	6.2	123	9 735

Table Four
NUMBER OF DISABLING INJURIES BY EXTENT OF INJURY
IN MANUFACTURING ESTABLISHMENTS
By Plant Size
1961

<u>PLANTS EMPLOYING</u>	<u>FATALS</u>	<u>PERMANENT TOTAL</u>	<u>PERMANENT PARTIAL</u>	<u>TEMPORARY DISABILITY</u>	<u>TOTAL NUMBER OF CASES</u>
8 or less	1	0	2	34	37
9 - 25	0	0	14	316	330
26 - 50	3	0	9	445	457
51 - 100	1	0	11	470	482
101 - 200	0	0	21	565	586
201 - 300	1	0	10	370	381
301 - 400	0	0	5	170	175
401 - 500	0	0	3	185	188
501 - 750	2	0	9	149	160
751 - 1000	0	0	8	86	94
1001 - 2500	1	0	4	240	245
over 2500	0	0	4	116	120

Table Three
INJURY RATES IN WAREHOUSING ESTABLISHMENTS
By Plant Size
1961

PLANTS EMPLOYING	FREQUENCY RATE	INJURY RATE	AVERAGE TOTAL EMPLOYMENT
8 or less	10.7	1500	1 071
9 - 25	32.5	761	2 801
26 - 50	32.5	227	6 889
51 - 100	30.0	117	8 119
101 - 200	25.5	708	11 819
201 - 300	21.6	1063	9 206
301 - 400	9.7	504	9 204
401 - 500	13.3	188	7 114
501 - 750	12.3	1178	6 857
751 - 1000	5.9	205	7 878
1001 - 2500	11.3	651	10 818
over 2500	6.2	123	9 132

Table Four
NUMBER OF DISABLING INJURIES BY EXIST OF INJURY
IN WAREHOUSING ESTABLISHMENTS
By Plant Size
1961

PLANTS EMPLOYING	INJURY RATE	PERMANENT TOTAL	PERMANENT INITIAL	TEMPORARY DISABILITY	TOTAL NUMBER OF CASES
8 or less	1	0	2	36	37
9 - 25	0	0	11	119	120
26 - 50	3	0	9	182	185
51 - 100	1	0	11	170	181
101 - 200	0	0	21	252	273
201 - 300	1	0	10	270	281
301 - 400	0	0	2	170	172
401 - 500	0	0	3	162	165
501 - 750	2	0	9	119	130
751 - 1000	0	0	8	66	74
1001 - 2500	1	0	4	210	215
over 2500	0	0	4	116	120

Table Five

MANUFACTURING ESTABLISHMENTS WITH NO DISABLING INJURIES

Major Industry Group	No. of Establishments with No Injuries	No Injury Est. as a % of all Reporting <u>/1</u>	Manhours in Establishments With No Injuries as a % of Total Manhours				
			1961	1960	1959	1958	1957
<u>All Manufacturing</u>	<u>437</u>	<u>42.9</u>	<u>12.9</u>	<u>10.0</u>	<u>9.8</u>	<u>13.0</u>	<u>12.6</u>
Food	100	46.1	14.6	22.4	15.9	20.2	20.1
Textiles	16	28.1	8.0	3.4	3.1	18.2	9.7
Apparel	13	52.0	17.8	25.1	37.2	36.8	30.8
Lumber & Wood	107	35.9	13.1	11.6	6.9	14.7	12.5
Furniture	5	33.3	6.7	12.5	22.0	15.5	1.3
Paper	9	22.5	1.6	1.7	1.9	1.8	2.0
Printing	53	85.5	37.8	36.4	38.8	28.4	44.7
Chemicals	11	52.4	23.9	19.5	4.2	16.7	10.4
Petroleum	1	50.0	22.9	N.A.	N.A.	N.A.	N.A.
Rubber	3	30.0	4.8	5.4	13.2	32.8	13.0
Leather	28	27.7	17.3	3.6	8.4	10.0	18.5
Stone, Clay, Glass .	14	50.0	28.6	42.6	34.7	45.2	8.0
Primary Metals	5	55.6	17.5	10.6	4.5	9.4	15.8
Fabricated Metals ..	28	58.3	24.6	29.8	37.8	18.0	24.3
Machinery (except Electrical)	14	58.3	19.4	17.4	25.3	6.0	7.7
Electrical Machinery	5	55.6	73.0	60.1	31.3	56.7	35.2
Transportation Equipment	12	35.3	3.5	2.4	11.4	5.3	3.6
Instruments	3	75.0	28.2	28.1	26.5	40.8	37.7
Miscellaneous Manufacturing	10	66.7	39.7	64.0	28.2	33.6	31.5

/1 Percent is of the total establishments reporting including those that did not operate or were excluded for editorial reasons.

N.A. - Not Available

Table VIII

MANUFACTURING ESTABLISHMENTS WITH NO REPORTING IN 1957

Major Industry Group	No. of Estab- lishments with No Injuries	No. of Estab- lishments with 1 or more injuries	Percentage in Establishments With No Injuries as a % of Total Injuries
All Manufacturing	107	12.9	12.9
Food	100	11.6	11.6
Textile	10	8.0	8.0
Apparel	10	11.8	11.8
Lumber & Wood	107	11.1	11.1
Furniture	5	11.1	11.1
Paper	5	11.1	11.1
Printing	11	11.1	11.1
Chemicals	11	11.1	11.1
Petroleum	1	11.1	11.1
Rubber	1	11.1	11.1
Leather	10	11.1	11.1
Stone, Clay, Glass	11	11.1	11.1
Primary Metals	5	11.1	11.1
Fabricated Metals	10	11.1	11.1
Machinery (except Electrical)	11	11.1	11.1
Electrical Machinery & Transportation	5	11.1	11.1
Transportation	11	11.1	11.1
Instrument	1	11.1	11.1
Recreation	10	11.1	11.1

1. Percent is of the total establishments reporting including those that did not operate or were excluded for statistical reasons.

N.A. - Not Available

WORK INJURIES IN MAINE, 1961
NON-MANUFACTURING
PART III

Table Six
Maine Work Injury Rates by Industry
Non-Manufacturing

1 9 6 1

Industry Titles	Number of Reporting Units	Number of Employees	Number of Manhours	Injury Rates	
				Severity	Frequency
<u>ALL NON-MANUFACTURING</u>	5 232	56 357	114 060 873	834	13.6
<u>AGRICULTURE, AGRIC. SERVICES FORESTRY, FISHERIES & MINING</u>	66	476	976 479	1755	47.1
<u>CONTRACT CONSTRUCTION</u>	725	7 059	13 771 444	3252	34.3
General Building Contractors	244	2 817	5 472 034	1815	35.6
Highway and Street Construction	37	920	1 851 673	4247	41.0
Heavy Construction	47	490	918 752	7987	43.6
Special Trade Contractors	397	2 832	5 530 980	3555	29.3
<u>TRANSPORTATION, COMMUNICATION, AND UTILITIES</u>					
Local Railways, Street and High- way Passenger Transportation	40	428	931 777	102	8.6
Motor Freight Transportation and Warehousing	142	1 826	4 255 738	576	31.3
Trucking, Local and Long Distance	123	1 606	3 767 079	636	33.2
Communication	44	3 489	6 357 310	197	3.8
Utilities	65	2 922	6 016 607	1229	12.5
Electric Companies and Systems	17	2 482	5 090 342	162	6.9
<u>TRADE</u>	2 770	26 162	54 612 842	604	11.5
<u>WHOLESALE</u>	889	7 842	16 632 765	922	11.7
Motor Vehicles and Automotive Equipment	46	564	1 288 428	14	1.6
Drugs, Chemicals & Allied Products	101	593	1 191 541	88	6.7
Groceries and Related Products	193	1 779	3 827 719	158	15.7
Hardware and Plumbing and Heating Equipment and Supplies	50	635	1 357 331	187	11.1
Machinery, Equipment and Supplies	119	1 038	2 230 837	71	10.3
Miscellaneous Wholesalers	305	2 375	5 092 485	1585	14.3
<u>RETAIL</u>	1 881	16 320	37 980 077	465	11.5
Building Material, Hardware and Farm Equipment	200	1 664	3 796 646	809	20.7
Lumber & Other Building Mate- rial Dealers	74	755	1 701 556	1486	29.4
Hardware and Farm Equipment	105	762	1 764 987	292	14.7
General Merchandise Stores	134	2 202	4 119 524	13	3.2
Department Stores	10	933	1 681 544	13	2.4
Misc. General Merchandise Stores	78	888	1 712 359	14	4.1

Industry Titles	Number of Reporting Units	Number of Employees	Number of Manhours	Injury Rates	
				Severity	Frequency
RETAIL (continued)					
Food	254	3 112	5 978 694	134	13.4
Grocery Stores	203	2 772	5 331 842	143	12.9
Automotive Dealers and Gasoline Service Stations	409	4 115	9 216 801	1172	13.6
Motor Vehicle Dealers	224	2 875	6 505 445	352	13.8
Gasoline Service Stations	111	615	1 333 369	4765	16.5
Apparel and Accessories	150	1 433	2 787 841	33	.7
Furniture, Home Furnishings and Equipment	111	748	1 647 749	192	8.5
Eating and Drinking Places	272	2 044	4 142 947	125	7.2
Misc. Retail Stores	351	3 004	6 309 875	318	14.7
Drug Stores & Proprietary Stores	108	799	1 573 559	1	.6
Fuel and Ice Dealers	116	985	2 213 785	766	22.1
FINANCE AND INSURANCE					
Banking	77	2 873	5 536 617	28	2.3
Insurance Carriers	102	1 387	2 673 301	31	1.5
Life Insurance Carriers	33	783	1 511 062	16	2.0
Fire, Marine and Casualty Insurance	59	432	822 769	0	0
Insurance Agents, Brokers and Services	91	665	1 264 361	11	.8
SERVICES					
Hotels and Lodging Places	155	1 534	2 974 516	58	7.7
Hotels, Tourist Courts and Motels	123	1 359	2 620 772	57	6.9
Personal Services	145	1 342	2 757 916	503	6.5
Laundries and Dry Cleaning Plants	78	995	2 043 829	488	7.8
Misc. Business Services	86	603	1 206 324	99	6.6
Automobile Repair, Automobile Services and Garages	90	561	1 271 241	198	11.0
Medical and Other Health Services	109	1 680	3 106 785	72	7.7
Hospitals	14	919	1 651 147	61	9.1
Sanatoria, and Convalescent and Rest Homes	74	654	1 257 986	95	5.6

Table Seven

Number of Disabling Injuries by Extent of Injury
in Non-Manufacturing Establishments
by Industry

Industry Titles	Fatal	Permanent Total	Permanent Partial	Temporary Disabilities	Total Number of Cases
<u>ALL NON-MANUFACTURING</u>	10	0	27	1 518	1 555
<u>AGRICULTURE, AGRIC. SERVICES FORESTRY, FISHERIES & MINING</u>	0	0	2	44	46
<u>CONTRACT CONSTRUCTION</u>	6	0	10	457	473
General Building Contractors	1	0	6	188	195
Highway & Street Construction	1	0	2	73	76
Heavy Construction	1	0	2	37	40
Special Trade Contractors	3	0	0	159	162
<u>TRANSPORTATION, COMMUNICATION, AND UTILITIES</u>					
Local Railways, Street and High- way Passenger Transportation	0	0	0	8	8
Motor Freight Transportation and Warehousing	0	0	0	133	133
Trucking, Local and Long Distance	0	0	0	125	125
Communication	0	0	2	22	24
Utilities	1	0	1	73	75
Electric Companies and Systems	0	0	1	34	35
<u>TRADE</u>	3	0	11	615	629
<u>WHOLESALE</u>	2	0	2	190	194
Motor Vehicles and Automotive Equipment	0	0	0	2	2
Drugs, Chemicals and Allied Products	0	0	0	8	8
Groceries and Related Products	0	0	0	60	60
Hardware and Plumbing and Heating Equipment and Supplies	0	0	0	15	15
Machinery, Equipment and Supplies	0	0	0	23	23
Miscellaneous Wholesalers	1	0	1	71	73
<u>RETAIL</u>	1	0	9	425	435
Building Material, Hardware and Farm Equipment	0	0	5	73	78
Lumber and Other Building Material Dealers	0	0	2	48	50
Hardware and Farm Equipment	0	0	3	23	26
General Merchandise	0	0	0	13	13
Department Stores	0	0	0	4	4
Misc. General Merchandise Stores	0	0	0	7	7

Industry Titles	Fatal	Permanent Total	Permanent Partial	Temporary Disabilities	Total Number of Cases
<u>RETAIL (continued)</u>					
Food	0	0	0	80	80
Grocery Stores	0	0	0	69	69
Automotive Dealers and Gasoline Service Stations	1	0	2	122	125
Motor Vehicle Dealers	0	0	1	89	90
Gasoline Service Stations	1	0	0	21	22
Apparel and Accessories	0	0	0	2	2
Furniture, Home Furnishings and Equipment	0	0	0	14	14
Eating and Drinking Places	0	0	1	29	30
Misc. Retail Stores	0	0	1	92	93
Drug Stores and Proprietary Stores	0	0	0	1	1
Fuel and Ice Dealers	0	0	1	48	49
<u>FINANCE AND INSURANCE</u>					
Banking	0	0	0	13	13
Insurance Carriers	0	0	0	4	4
Life Insurance Carriers	0	0	0	3	3
Fire, Marine and Casualty Insurance	0	0	0	0	0
Insurance Agents, Brokers and Services	0	0	0	1	1
<u>SERVICES</u>					
Hotels and Lodging Places	0	0	0	23	23
Hotels, Tourist Courts and Motels	0	0	0	18	18
Personal Services	0	0	1	17	18
Laundries and Dry Cleaning Plants	0	0	1	15	16
Misc. Business Services	0	0	0	8	8
Automobile Repair, Automobile Services and Garages	0	0	0	14	14
Medical and Other Health Services	0	0	0	24	24
Hospitals	0	0	0	15	15
Sanatoria, and Convalescent and Rest Homes	0	0	0	7	7

Table Eight

INJURY RATES IN MAINE NON-MANUFACTURING ESTABLISHMENTS
By Plant Size
1961

<u>PLANTS EMPLOYING</u>	<u>FREQUENCY RATE</u>	<u>SEVERITY RATE</u>	<u>AVERAGE TOTAL EMPLOYMENT</u>
8 or less	9.8	589	10 895
9 - 25	15.1	1392	17 169
26 - 50	14.7	904	8 171
51 - 100	23.8	1137	5 072
101 - 200	18.2	314	4 837
201 - 300	12.5	176	2 681
301 - 400	5.1	152	1 778
over 400	3.3	143	5 072

Table Nine

NUMBER OF DISABLING INJURIES BY EXTENT OF INJURY
IN NON-MANUFACTURING ESTABLISHMENTS
By Plant Size
1961

<u>PLANTS EMPLOYING</u>	<u>FATALS</u>	<u>PERMANENT TOTAL</u>	<u>PERMANENT PARTIAL</u>	<u>TEMPORARY DISABILITY</u>	<u>TOTAL NUMBER OF CASES</u>
8 or less	1	0	6	212	219
9 - 25	6	0	14	514	534
26 - 50	2	0	2	244	248
51 - 100	1	0	3	235	239
101 - 200	0	0	0	183	183
201 - 300	0	0	0	66	66
301 - 400	0	0	1	17	18
over 400	0	0	1	34	35

Table Ten

NON-MANUFACTURING ESTABLISHMENTS WITH NO DISABLING INJURIES

Major Industry Group	No. of Establishments with No Injuries	No Injury Est. as a % of all Reporting <u>/1</u>	Manhours in Establishments With No Injuries as a % of Total Manhours
<u>ALL NON-MANUFACTURING</u>	<u>2920</u>	<u>55.8</u>	<u>56.6</u>
<u>AGRICULTURE, AGRIC. SERVICES, FORESTRY, FISHERIES & MINING</u>	23	34.8	39.4
<u>CONTRACT CONSTRUCTION</u>			
General Building Contractors	106	43.4	34.4
Other Than Building Construction	35	41.7	24.3
Special Trade Contractors	177	44.6	55.8
<u>TRANSPORTATION, COMMUNICATION AND UTILITIES</u>			
Local and Suburban Transit and Interurban Passenger Transportation	24	60.0	55.3
Motor Freight Transportation and Warehousing	58	40.8	27.3
Communication	35	79.5	13.6
Electric, Gas and Sanitary Services	31	47.7	9.7
<u>TRADE</u>			
<u>WHOLESALE</u>	360	40.5	58.8
<u>RETAIL</u>			
Building Materials, Hardware and Farm Equipment	125	62.5	58.9
General Merchandise	98	73.1	66.0
Food	183	72.0	59.5

NON-MANUFACTURING ESTABLISHMENTS WITH NO DISABLING INJURIES (Continued)

Major Industry Group	No. of Establishments with No Injuries	No Injury Est. as a % of all Reporting <u>/1</u>	Manhours in Establishments With No Injuries as a % of Total Manhours
<u>RETAIL (Continued)</u>			
Automobile Dealers and Gasoline Service Stations	275	67.2	72.3
Apparel and Accessories	114	76.0	94.5
Home Furnishings and Equipment	77	69.4	81.5
Eating and Drinking Places	181	66.5	83.3
Misc. Retail Stores	240	68.4	67.4
<u>FINANCE, INSURANCE AND REAL ESTATE</u>			
Banking	68	88.3	65.4
Insurance Carriers	44	43.1	70.5
Insurance Agents, Brokers and Services	75	82.4	93.1
<u>SERVICES</u>			
Hotels, Rooming Houses, Camps and Other Lodging Places	87	56.1	67.8
Personal Services	96	66.2	71.3
Misc. Business Services	38	44.2	78.8
Automobile Repair, Automobile Services and Garages	53	58.9	71.9
Medical and Other Health Services	78	71.6	53.2

/1 Percent is of the total establishments reporting including those that did not operate or were excluded for editorial reasons.

TECHNICAL NOTES

Industrial classification of the establishments covered in this report conform to the 1957 edition of the Standard Industrial Classification, prepared by the Office of Statistical Standards of the U. S. Bureau of the Budget.

Injury data were compiled according to the "American Standard Method of Recording and Measuring Work Injury Experience," approved by the American Standards Association, 1954.

The time charges for fatal and permanent cases were assigned according to the following scale:

Scale of Time Charges (Number of Days)

Death.....	6,000	Leg, above ankle and at or below	
Permanent-total impairment.....	6,000	knee.....	3,000
Multiple loss-sum of charges		Foot, at ankle.....	2,400
up to.....	6,000	One eye (loss of sight).....	1,800
Arm above elbow, including		Both eyes (loss of sight).....	6,000
shoulder joint.....	4,500	One ear (complete loss of	
Arm, above wrist and at or below		hearing).....	600
elbow.....	3,600	Both ears (complete loss of	
Hand, at wrist.....	3,000	hearing).....	3,000
Leg, above knee.....	4,500	Hernia, unrepaired.....	50

Injury rates were computed for all industrial classifications that included approximately 700,000 manhours worked or more. It should be realized, however, that the rates of industrial classifications of less than 1,000,000 manhours worked will be subject to considerable variation from year to year.

Reports of non-manufacturing establishments of less than four employment were not used.

DEFINITIONS

Employees-The average number of employees for a year. Includes all plant, executive, supervisory, clerical, etc., employees.

Total Manhours-The actual or estimated total number of hours worked annually by all employees.

Days of Disability-The total of full calendar days on which the injured person was unable to work as a result of a temporary total injury. The total does not include the day the injury occurred or the day the injured person returned to work, but it does include all intervening calendar days (including Sundays, days off, or plant shutdown).

Total Days Lost or Charged-The combined total, for all injuries, of:

- (a) All days of disability resulting from temporary total injuries, and
- (b) All scheduled charges assigned to fatal, permanent total and permanent partial injuries.

Disabling Work Injury-Any injury arising out of and in the course of employment, which results in death, permanent total disability, permanent partial disability, or temporary total disability. The term "injury" includes occupational disease.

Death-Any fatality resulting from a work injury, regardless of the time intervening between injury and death.

Permanent Disability

Permanent Total Disability-Any work injury other than death which permanently and totally incapacitates a worker from following any gainful occupation, or which results in the loss of or the complete loss of use of any of the following in one accident: (a) both eyes; (b) one eye and one hand, or arm, or leg, or foot; (c) any two of the following not on the same limb: hand, arm, foot, or leg.

Permanent Partial Disability-Any work injury other than death or permanent total disability which results in the complete loss of use of any member or part of a member of the body, or any permanent impairment of functions of the body or part thereof, regardless of any pre-existing disability of the injured member or impaired body function.

Temporary Disability-Any work injury which does not result in death or permanent impairment, but which renders the injured person unable to perform a regularly established job which is open and available to him, during the entire time interval corresponding to the hours of his regular shift on any one or more days (including Sundays, days off, or plant shutdown) subsequent to the date of the injury.

Measures of Injury Experience

$$\text{Injury Frequency Rate} = \frac{\text{Number of disabling injuries} \times 1,000,000}{\text{Number of employee-hours of exposure}}$$

$$\text{Injury Severity Rate} = \frac{\text{Total days lost or charged} \times 1,000,000}{\text{Number of employee-hours of exposure}}$$

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